

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019493.D
 Acq On : 20 Nov 2020 11:40
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:40 PM

Quant Time: Nov 21 01:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	552325	153.38	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	306.76%#
35) Dibromofluoromethane	5.46	113	461437	160.84	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	321.68%#
50) Toluene-d8	8.70	98	1719089	154.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	308.40%#
62) 4-Bromofluorobenzene	11.12	95	657811	164.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	328.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	428870	158.791	ug/l	98
3) Chloromethane	1.31	50	452015	145.845	ug/l	100
4) Vinyl Chloride	1.39	62	522850	156.716	ug/l	99
5) Bromomethane	1.62	94	175192	138.635	ug/l	99
6) Chloroethane	1.69	64	114105	123.614	ug/l	96
7) Trichlorofluoromethane	1.89	101	742476	154.189	ug/l	97
8) Diethyl Ether	2.17	74	304317	157.799	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.35	101	417589	155.443	ug/l	98
10) Methyl Iodide	2.48	142	578056	163.790	ug/l	100
11) Tert butyl alcohol	3.07	59	522510	766.698	ug/l	100
12) 1,1-Dichloroethene	2.34	96	431404	156.457	ug/l	99
13) Acrolein	2.28	56	340436	743.140	ug/l	99
14) Allyl chloride	2.70	41	681824	157.845	ug/l	99
15) Acrylonitrile	3.12	53	1252025	778.995	ug/l	99
16) Acetone	2.43	43	1021239	733.331	ug/l	100
17) Carbon Disulfide	2.54	76	1192891	161.036	ug/l	99
18) Methyl Acetate	2.75	43	518818	144.427	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1526426	160.376	ug/l	100
20) Methylene Chloride	2.83	84	497270	142.866	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	489650	156.735	ug/l	98
22) Diisopropyl ether	3.83	45	1417567	158.637	ug/l	93
23) Vinyl Acetate	3.79	43	6141307	819.352	ug/l	98
24) 1,1-Dichloroethane	3.67	63	851269	155.748	ug/l	100
25) 2-Butanone	4.65	43	1582451	756.446	ug/l	98
26) 2,2-Dichloropropane	4.54	77	754160	158.080	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	567390	158.111	ug/l	99
28) Bromochloromethane	4.98	49	371000	141.975	ug/l	98
29) Tetrahydrofuran	5.09	42	1022027	765.697	ug/l	99
30) Chloroform	5.18	83	882989	154.499	ug/l	97
31) Cyclohexane	5.54	56	738912	157.764	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	788010	160.513	ug/l	99
36) 1,1-Dichloropropene	5.76	75	668651	156.050	ug/l	99
37) Ethyl Acetate	4.80	43	631902	157.088	ug/l	100
38) Carbon Tetrachloride	5.75	117	676004	162.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	818357	164.029	ug/l	99
40) Benzene	6.11	78	2007022	152.449	ug/l	99
41) Methacrylonitrile	5.01	41	333818	150.487	ug/l	97
42) 1,2-Dichloroethane	6.16	62	682836	151.322	ug/l	99
43) Isopropyl Acetate	6.42	43	1039671	153.752	ug/l	99
44) Trichloroethene	7.18	130	540320	156.683	ug/l	95
45) 1,2-Dichloropropane	7.49	63	500608	154.459	ug/l	99
46) Dibromomethane	7.63	93	343012	154.632	ug/l	100
47) Bromodichloromethane	7.88	83	698058	162.173	ug/l	97
48) Methyl methacrylate	7.75	41	509384	160.850	ug/l	100
49) 1,4-Dioxane	7.73	88	231124	3214.353	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	3054962	774.756	ug/l	99
52) Toluene	8.76	92	1241531	154.154	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	778489	167.463	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	845951	163.978	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	497307	151.617	ug/l	99
56) Ethyl methacrylate	9.16	69	781263	168.330	ug/l	99
57) 1,3-Dichloropropane	9.35	76	825358	150.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2028359	745.836	ug/l	99
59) 2-Hexanone	9.48	43	2355868	787.770	ug/l	99
60) Dibromochloromethane	9.57	129	537732	167.373	ug/l	98
61) 1,2-Dibromoethane	9.65	107	522769	154.620	ug/l	99
64) Tetrachloroethene	9.32	164	456191	141.617	ug/l	98
65) Chlorobenzene	10.12	112	1283126	152.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	497174	162.223	ug/l	98
67) Ethyl Benzene	10.24	91	2334011	158.125	ug/l	97
68) m/p-Xylenes	10.34	106	1767685	321.442	ug/l	97
69) o-Xylene	10.68	106	846682	161.062	ug/l	99
70) Styrene	10.70	104	1480881	169.705	ug/l	99
71) Bromoform	10.84	173	415045	185.202	ug/l #	98
73) Isopropylbenzene	11.00	105	2261424	152.039	ug/l	99
74) N-amyl acetate	10.88	43	931507	167.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	782469	147.107	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	674857m	143.824	ug/l	
77) Bromobenzene	11.24	156	574576	151.321	ug/l	98
78) n-propylbenzene	11.35	91	2628292	154.033	ug/l	99
79) 2-Chlorotoluene	11.40	91	1555652	150.330	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1951899	156.435	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	276334	173.234	ug/l	97
82) 4-Chlorotoluene	11.49	91	1884190	154.670	ug/l	99
83) tert-Butylbenzene	11.76	119	1911137	158.321	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1982684	157.047	ug/l	98
85) sec-Butylbenzene	11.93	105	2265441	157.752	ug/l	99
86) p-Isopropyltoluene	12.05	119	2089171	160.232	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1060203	152.038	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1068218	148.717	ug/l	99
89) n-Butylbenzene	12.37	91	1950316	165.457	ug/l	98
90) Hexachloroethane	12.58	117	383158	175.618	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1050070	149.929	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	177200	163.297	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	743881	165.435	ug/l	100
94) Hexachlorobutadiene	13.77	225	315199	153.879	ug/l	99
95) Naphthalene	13.82	128	2447335	175.812	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	748095	166.329	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

